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 JUL 19 2004
 PATENT & TRADEMARK OFFICE

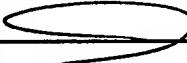
TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/804,472		
Filing Date	March 18, 2004		
First Named Inventor	Diesch, Michael W.		
Art Unit	Not Yet Known		
Examiner Name	Not Yet Known		
Total Number of Pages in This Submission	1	Attorney Docket Number	040143-000200

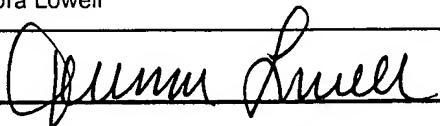
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Declaration Return Postcard
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Statement Under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Townsend and Townsend and Crew LLP	
Signature	 Irvin E. Branch	
Date	Reg. No. 42,358	
July 19, 2004		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Aurora Lowell		
Signature			Date
			July 14, 2004



FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 797)

Complete if Known

Application Number	10/804,472
Filing Date	March 18, 2004
First Named Inventor	Diesch, Michael W.
Examiner Name	Not Yet Known
Art Unit	Not Yet Known
Attorney Docket No.	040143-000200

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number 20-1430

Deposit Account Name Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	385
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$385)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20** =	Fee from below		Fee Paid
		Extra Claims	X \$9	
Independent Claims	5 -3** =	2	X \$43	\$86
Multiple Dependent			X	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

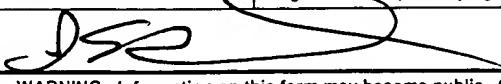
SUBTOTAL (2) (\$347)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)					
3. ADDITIONAL FEES					
Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)
	1051	130		2051	65
	1052	50		2052	25
	1053	130		1053	130
	1812	2,520		1812	2,520
	1804	920*		1804	920*
	1805	1,840*		1805	1,840*
	1251	110		2251	55
	1252	420		2252	210
	1253	950		2253	475
	1254	1,480		2254	740
	1255	2,010		2255	1,005
	1401	330		2401	165
	1402	330		2402	165
	1403	290		2403	145
	1451	1,510		1451	1,510
	1452	110		2452	55
	1453	1,330		2453	665
	1501	1,330		2501	665
	1502	480		2502	240
	1503	640		2503	320
	1460	130		1460	130
	1807	50		1807	50
	1806	180		1806	180
	8021	40		8021	40
	1809	770		2809	385
	1810	770		2810	385
	1801	770		2801	385
	1802	900		1802	900
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$65)					

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Irvin E. Branch	Registration No. (Attorney/Agent)	42,358	Telephone	303-571-4000
Signature				Date	July 14, 2004

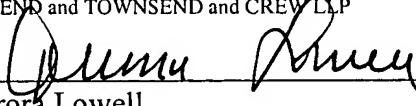
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

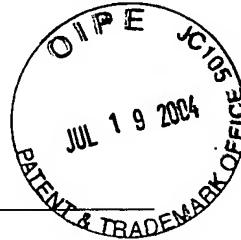
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
Attn: Mail Stop Missing Parts
P.O. Box 1450
Alexandria, VA 22313-1450

On July 14, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: 
Aurora Lowell



PATENT
Attorney Docket No.: 040143-000200

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael W. Diesch, et al.

Application No.: 10/804,472

Filed: March 18, 2004

For: AUTOMATED RECORD
SEARCHING AND OUTPUT
GENERATION RELATED THERETO

Examiner: Not Yet Known

Art Unit: Not Yet Known

**TRANSMITTAL LETTER –
RESPONSE TO NOTICE OF MISSING
PARTS**

Attn: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the Notice to File Missing Parts of Nonprovisional Application, dated June 1, 2004, enclosed are the following to be made of record in the above-identified application:

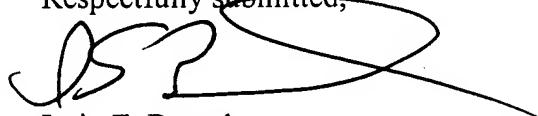
- 1) Declaration (37 CFR 1.63) For Utility or Design Application Using An Application Data Sheet (37 CFR 1.76);
- 2) Statement Under 37 CFR 3.73(b);
- 3) Power of Attorney or Authorization of Agent; and
- 4) Part 2 - Notice to File Missing Parts.

Please charge Deposit Account No. 20-1430 for the following fees:

Small Entity:	(a) Filing Fee (§ 1.16(a)) (Small Entity)	\$385	
	(b) Excess Claims Fees (§ 1.16(b), (c)):		
	49 - 20 = 29	x \$9 =	\$261
	5 - 3 = 2	x \$43 =	\$86
	(c) Missing Parts Surcharge	\$65	
	TOTAL FEES TO BE CHARGED	\$797	

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 20-1430. This Transmittal Letter is submitted in triplicate.

Respectfully submitted,



Irvin E. Branch
Reg. No. 42,358

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 303-571-4000
Fax: 415 576-0300
IEB:arl

60256371 v1



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

IFW/J

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/804,472	03/18/2004	Michael W. Diesch	040143-000200US

20350
 TOWNSEND AND TOWNSEND AND CREW, LLP
 TWO EMBARCADERO CENTER
 EIGHTH FLOOR
 SAN FRANCISCO, CA 94111-3834



CONFIRMATION NO. 7248

FORMALITIES LETTER



OC000000012831088

Date Mailed: 06/01/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$347** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

07/20/2004 BABRAHA1 00000012 201430 10804472

Total additional fee(s) required for this application is **\$797** for a Small Entity

01 FC:2001	385.00 DA
02 FC:2051	65.00 DA
03 FC:2002	261.00 DA
04 FC:2201	86.00 DA

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.

- Total additional claim fee(s) for this application is **\$347**

- **\$86** for **2** independent claims over **3**.
- **\$261** for **29** total claims over **20**.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

mar
*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE